



M S P S P T A L F C L	11
GGAGTCGACCCACGCGTCCGCAGGGCTGAGGAACC ATG TCT CCA TCC CCG ACC GCC CTC TTC TGT CTT	68
G L C L G R V P A Q S G P L P K P S L Q	31
GGG CTG TGT CTG GGG CGT GTG CCA GCG CAG AGT GGA CCG CTC CCC AAG CCC TCC CTC CAG	128
A L P S S L V P L E K P V T L R C Q G P	51
GCT CTG CCC AGC TCC CTG GTG CCC CTG GAG AAG CCA GTG ACC CTC CGG TGC CAG GGA CCT	188
P G V D L Y R L E K L S S S R Y Q D Q A	71
CCG GGC GTG GAC CTG TAC CGC CTG GAG AAG CTG AGT TCC AGC AGG TAC CAG GAT CAG GCA	248
V L F I P A M K R S L A G R Y R C S Y Q	91
GTC CTC TTC ATC CCG GCC ATG AAG AGA AGT CTG GCT GGA CGC TAC CGC TGC TCC TAC CAG	308
N G S L W S L P S D Q L E L V A T G V F	111
AAC GGA AGC CTC TGG TCC CTG CCC AGC GAC CAG CTG GAG CTC GTT GCC ACG GGA GTT TTT	368
A K P S L S A Q P G P A V S S G G D V T	131
GCC AAA CCC TCG CTC TCA GCC CAG CCC GGC CCG GCG GTG TCG TCA GGA GGG GAC GTA ACC	428
L Q C Q T R Y G F D Q F A L Y K E G D P	151
CTA CAG TGT CAG ACT CGG TAT GGC TTT GAC CAA TTT GCT CTG TAC AAG GAA GGG GAC CCT	488
A P Y K N P E R W Y R A S F P I I T V T	171
GCG CCC TAC AAG AAT CCC GAG AGA TGG TAC CGG GCT AGT TTC CCC ATC ATC ACG GTG ACC	548
A A H S G T Y R C Y S F S S R D P Y L W	191
GCC GCC CAC AGC GGA ACC TAC CGA TGC TAC AGC TTC TCC AGC AGG GAC CCA TAC CTG TGG	608
S A P S D P L E L V V T G T S V T P S R	211
TCG GCC CCC AGC GAC CCC CTG GAG CTT GTG GTC ACA GGA ACC TCT GTG ACC CCC AGC CGG	668
L P T E P P S S V A E F S E A T A E L T	231
TTA CCA ACA GAA CCA CCT TCC TCG GTA GCA GAA TTC TCA GAA GCC ACC GCT GAA CTG ACC	728
V S F T N K V F T T E T S R S I T T S P	251
GTC TCA TTC ACA AAC AAA GTC TTC ACA ACT GAG ACT TCT AGG AGT ATC ACC ACC AGT CCA	788
K E S D S P A G P A R Q Y Y T K G N L V	271
AAG GAG TCA GAC TCT CCA GCT GGT CCT GCC CGC CAG TAC TAC ACC AAG GGC AAC CTG GTC	848
R I C L G A V I L I I L A G F L A E D W	291
CGG ATA TGC CTC GGG GCT GTG ATC CTA ATA ATC CTG GCG GGG TTT CTG GCA GAG GAC TGG	908
H S R R K R L R H R G R A V Q R P L P P	311
CAC AGC CGG AGG AAG CGC CTG CGG CAC AGG GGC AGG GCT GTG CAG AGG CCG CTT CCG CCC	968

FIG.1A



L P P L P Q T R K S H G G Q D G G R Q D 331  
CTG CCG CCC CTC CCG CAG ACC CGG AAA TCA CAC GGG GGT CAG GAT GGA GGC CGA CAG GAT 1028

V H S R G L C S \* 340  
GTT CAC AGC CGC GGG TTA TGT TCA TGA 1055

CCGCTGAACCCAGGCACGGTCGTATCCAAGGGAGGGATCATGGCATGGGAGGCGACTCAAAGACTGGCGTGTGTGGAG 1134

CGTGGAAGCAGGAGGGCAGAGGCTACAGCTGTGGAACGAGGCCATGCTGCCTCCTCCTGGTGTTCATCAGGGAGCCG 1213

TTCGGCCAGTGTCTGTCTGTCTGTCTGCCTCTGTCTGAGGGCACCTCCATTTGGGATGGAAGGAATCTGTGGAGAC 1292

CCCATCCTCCTCCCTGCACACTGTGGATGACATGGTACCCTGGCTGGACCACATACTGGCCTCTTTCTTCAACCTCTCT 1371

AATATGGGCTCCAGACGGATCTCTAAGGTTCCAGCTCTCAGGGTTGACTCTGTTCCATCCTCTGTGCAAAATCCTCCT 1450

GTGCTTCCCTTTGGCCCTCTGTGCTCTTGTCTGGTTTTCCCAAGAACTCTCACCTCACTCCATCTCCCACTGCGGTC 1529

TAACAAATCTCCTTTCTGTCTCTCAGAACGGGTCTTGACGGCAGTTTGGGTATGTCATTCAATTTTCTTAGTGTAAGAACT 1608

AGCACGTTGCCCCTTCCCTTCACATTAGAAAACAAGATCAGCCTGTGCAACATGGTGAAACCTCATCTCTACCAACAA 1687

AACAAAAAACACAAAAATTAGCCAGGTGTGGTGGTGCATCCCTATACTCCAGCAACTCGGGGGGCTGAGGTGGGAGA 1766

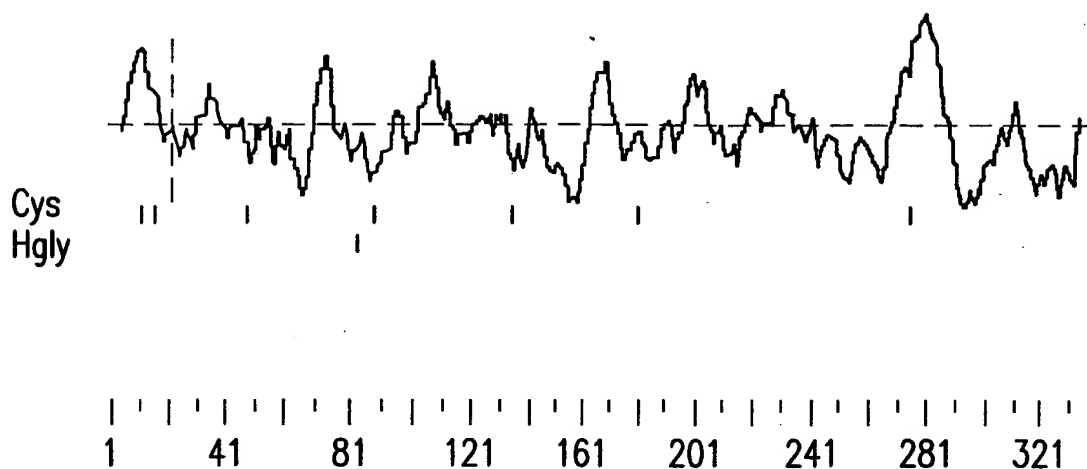
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CCTTGTCTCAAAAAATACAGGGATGAATATGTCAATTACCCTGATTTGATCATAGCACGTTGTATACATGTACTGCAAT 1924

ATTGCTGTCCACCCCATAAATATGTACAATTATGTATACATTTTTAAATCATAAAAAATAAGATAATGAAAAAAAAAAAA 2003

AAAAAAAAAAAAAGGGCGGGCCGCTAGACTAGTCTAGAGAACA 2047

FIG.1B



MSPSPTALFCLGLCLGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQGPPGVDLYRLE  
KLSSSRYQDQAVLFIPAMKRSLAGRYRCSYQNGSLWSLPSDQLELVATGVFAKPSLSAQ  
GPAVSSGGDVTLCQTRYGFDQFALYKEGDPAPYKNPERWYRASFPITVTAAHSGTYRC  
YSFSSRDPLYWSAPSDPLELVVTGTSVTPSRLPTEPPSSVAEFSEATAELTVSF TNKVFT  
TETSRSI TTSPKESDSPAGPARQYYTKGNLVRICLGAVIL I ILAGFLAEDWHSRRKRLRH  
RGRAVQRPLPPLPPLPQTRKSHGGQDGRQDVHSRGLCS

FIG.2

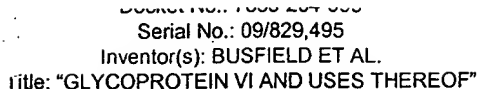


FIG. 3A

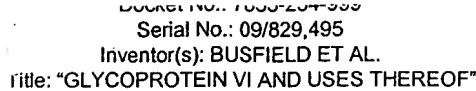


FIG. 3B



1190 1200 1210 1220 1230 1240 1250  
inputs CTACGGCTCATACAGCTCCAACCCACCTGCTGTCTTTCCCCAGTGAGCCCTGGAAGTCACTGGTCTCA  
C--CGTCTCATTCA---CAAAC-----AAAGTCTT--CACAA-----CTGAGACT---TCT--  
700 710 720 730

1260 1270 1280 1290 1300 1310 1320  
inputs GGAACTCTGGAGGCTCCAGCCTCCACCCACAGGGCCGCCCTCCACACCTGGTCTGGGAAGATACCTGG  
-----AGGAGTATC--ACCACCAGTCCAAAGGA--GTCAGACTCTCCAG--CTGG-----  
740 750 760 770

1330 1340 1350 1360 1370 1380 1390  
inputs AGGTTTTGATTGGGGTCTCGGTGGCCTTCGTCTGCTGCTCTTCTCTCTCTCTCTCTCTCTCTCTCGACG  
-----TCCTGC-----CCGCCAGTA---CTACACCAAGG  
780 790 800

1400 1410 1420 1430 1440 1450 1460  
inputs TCAGCGTCACAGCAAACACAGGACATCTGACCAGAGAAAGACTGATTTCCAGCGTCTGCAGGGGCTGCG  
GCAAC-----CTGGTC-----CGGATAT--GCCTC-----GGGGCTG--  
810 820 830

1470 1480 1490 1500 1510 1520 1530  
inputs GAGACAGAGCCCAAGGACAGGGGCTGCTGAGGAGGTCCAGCCCAGCTGCTGACGTCCAGGAAGAAACC  
-----TGATCCTAATAA-----TCCTG--GCGGGGTTTCTG-----GCAGA--GGACTGG-----C  
840 850 860 870

1540 1550 1560 1570 1580 1590 1600  
inputs TCTATGCTGCCGTGAAGGACACAGTCTGAGG-ACAGGGTGGAGCTGGACAGT-CAGAGCCCACACGAT  
AC-----AGCCG--GAGGAAGCGC--CTGCGGCACAGGG--GCAGGGCTGTGCAGAGGCCGCT----  
880 890 900 910 920

1610 1620 1630 1640 1650 1660 1670  
inputs GAAGACCCCCAGGCAGTGACGTATGCCCCGGTGAAACACTCCAGTCTTAGGAGAGAAATGGCCTCTCCTC  
---TCC-----GCCCTG-----CCGC---C  
930 940

1680 1690 1700 1710 1720 1730 1740  
inputs CCTCCTCACTGTCTGGGGAATTCCTGGACACAAAGGACAGACAGGTGGAAGAGGACAGGCAGATGGACAC  
CCTCC-CGCAGAC-----CCGGAATCA---CA--CGGG-----GGTCAGG--ATGGA--  
950 960 970 980

1750 1760 1770 1780 1790 1800 1810  
inputs TGAGGCTGCTGCATCTGAAGCCTCCAGGATGTGACCTACGCCAGCTGCACAGCTTGACCTTAGACGG  
---GGC---CGAC-----AGGATGT-----CACAGC-----CG-  
990 1000

1820 1830 1840 1850 1860 1870 1880  
inputs AAGGCAACTGAGCCTCCTCCATCCAGGAAGGGGAACCTCCAGCTGAGCCCAGCATCTACGCCACTCTGG  
-----CGGGTTATG-----TTCA-----  
1010

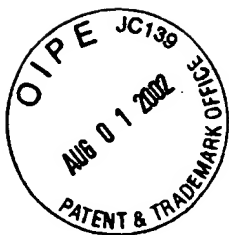
1890  
inputs CCATCCAC  
-----

FIG.3C

[illegible]

H

FIG. 4

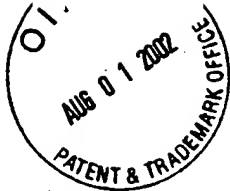


\*->GesvtLtCsvsgfgppgsvtWyfkngk.lgpsllgysysrlesgek  
+ vtL+C+ + v y + k ++ r++ +  
ht268 41 EKPVTLCQGP-----PGVDLY-RLEKISSS-----RYQDQ-- 70  
  
anlsegrfsissltLtissvekeDsGtYtCvv<-\*  
++L i. +++ +G Y+C  
ht268 71 -----AVLFIPAMKRSLAGRYRCY 90

FIG.5A

\*->GesvtLtCsvsgfgppgsvtWyfkngk.lgpsllgysysrlesgek  
G++vtL+C+++ + ++ y k+g++ + y+++  
ht268 127 GGDVTLQCQTR---YGFQDQFALY-KEGDpAP-----YKNPERWYR-- 162  
  
anlsegrfsissltLtissvekeDsGtYtCvv<-\*  
++++j++v++ sGtY+C  
ht268 163 -----ASFPIITVTAHSGTYRCYS 182

FIG.5B



GAGTCGACCCACGCGTCCGCTTCCCTGCTTGGCCACATAGCTCAGGACTGGGTTGCAGAACC M S P A 4  
ATG TCT CCA GCC 74

S P T F F C I G L C V L Q V I Q T Q S G 24  
TCA CCC ACT TTC TTC TGT ATT GGG CTG TGT GTA CTG CAA GTG ATC CAA ACA CAG AGT GGC 134

P L P K P S L Q A Q P S S L V P L G Q S 44  
CCA CTC CCC AAG CCT TCC CTC CAG GCT CAG CCC AGT TCC CTG GTA CCC CTG GGT CAG TCA 194

V I L R C Q G P P D V D L Y R L E K L K 64  
GTT ATT CTG AGG TGC CAG GGA CCT CCA GAT GTG GAT TTA TAT CGC CTG GAG AAA CTG AAA 254

P E K Y E D Q D F L F I P T M E R S N A 84  
CCG GAG AAG TAT GAA GAT CAA GAC TTT CTC TTC ATT CCA ACC ATG GAA AGA AGT AAT GCT 314

G R Y R C S Y Q N G S H W S L P S D Q L 104  
GGA CGG TAT CGA TGC TCT TAT CAG AAT GGG AGT CAC TGG TCT CTC CCA AGT GAC CAG CTT 374

E L I A T G V Y A K P S L S A H P S S A 124  
GAG CTA ATT GCT ACA GGT GTG TAT GCT AAA CCC TCA CTC TCA GCT CAT CCC AGC TCA GCA 434

V P Q G R D V T L K C Q S P Y S F D E F 144  
GTC CCT CAA GGC AGG GAT GTG ACT CTG AAG TGC CAG AGC CCA TAC AGT TTT GAT GAA TTC 494

V L Y K E G D T G P Y K R P E K W Y R A 164  
GTT CTA TAC AAA GAA GGG GAT ACT GGG CCT TAT AAG AGA CCT GAG AAA TGG TAC CGG GCC 554

N F P I I T V T A A H S G T Y R C Y S F 184  
AAT TTC CCC ATC ATC ACA GTG ACT GCT GCT CAC AGT GGG ACG TAC CGG TGT TAC AGC TTC 614

S S S S P Y L W S A P S D P L V L V V T 204  
TCC AGC TCA TCT CCA TAC CTG TGG TCA GCC CCG AGT GAC CCT CTA GTG CTT GTG GTT ACT 674

G L S A T P S Q V P T E E S F P V T E S 224  
GGA CTC TCT GCC ACT CCC AGC CAG GTA CCC ACG GAA GAA TCA TTT CCT GTG ACA GAA TCC 734

S R R P S I L P T N K I S T T E K P M N 244  
TCC AGG AGA CCT TCC ATC TTA CCC ACA AAC AAA ATA TCT ACA ACT GAA AAG CCT ATG AAT 794

I T A S P E G L S P P I G F A H Q H Y A 264  
ATC ACT GCC TCT CCA GAG GGG CTG AGC CCT CCA ATT GGT TTT GCT CAT CAG CAC TAT GCC 854

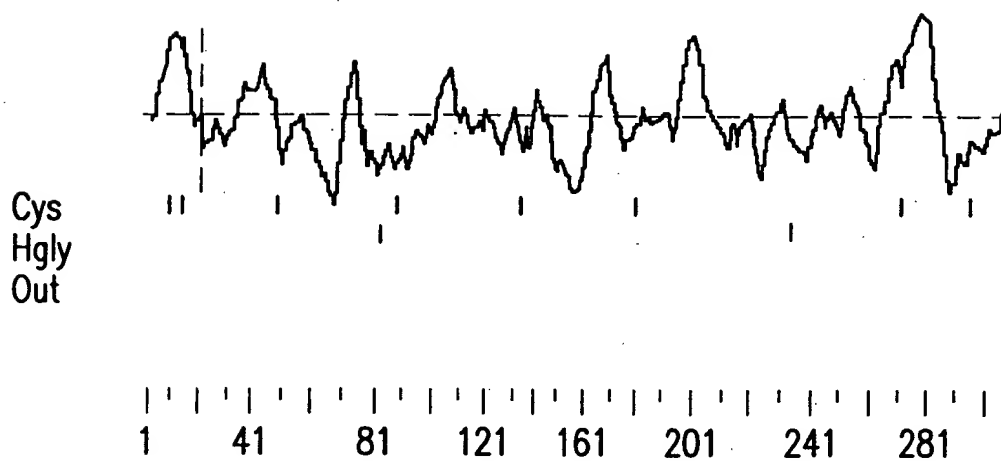
K G N L V R I C L G A T I I I I L L G L 284  
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L A E D W H S R K K C L Q H R M R A L Q 304  
CTA GCA GAG GAT TGG CAC AGT CGG AAG AAA TGC CTG CAA CAC AGG ATG AGA GCT TTG CAA 974

R P L P P L P L A \* 314  
AGG CCA CTA CCA CCC CTC CCA CTG GCC TAG 1004

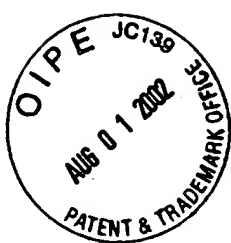
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GGACATACTCAAGAGTGGGGAGGTTATATAAAAAAATGAGTGTGGAGAATAAATGCAGAGCCAACAAGGTGAAAAAAA 1162  
A 1163

FIG.6



MSPASPTFFCIGLCVLQVIQTQSGPLPKPSLQAQPSLVPLGQSVILRCQGPPDVDLYRL  
EKLKPEKYEDQDFLF IPTMERSNAGRYRCSYQNGSHWSLPSDQLEL IATGVYAKPSLSAH  
PSSAVPQGRDVT LKQSPYSFDEFVLYKEGDTGPYKRPEKWYRANFPIITVTAAHSGTYR  
CYSFSSSSPYLWSAPSDPLVLVTGLSATPSQVPTESFPVTESSRRPSILPTNKISTTE  
KPMNITASPEGLSPPIGF AHQHYAKGNLVRICLGATIIIIILLGLLAEDWHSRKKCLQHRM  
RALQRPLPPLPLA

FIG.7



```

      10      20      30      40      50      60      70
inputs ATGACGCCCGCCCTCACAGCCCTGCTCTGCCTTGGGCTGAGTCTGGGCCCCAGGACCCGCGTGCAGGCAG
      ::::: :: ::::: :: ::::: :::::
      ATGTCTCCAGCC-TCAC--CC---ACTTTCTT--CTGTAT-----
      10      20      30

      80      90      100      110      120      130      140
inputs GGCCCTTCCCCAAACCCACCCTCTGGGCTGAGCCAGGCTCTGTGATCAGCTGGGGGAGCCCCGTGACCAT
      :::::
      -----TGGGCTG-----TGTGTACTGC-----
      40

      150      160      170      180      190      200      210
inputs CTGGTGTCAAGGGAGCCTGGAGGCCAGGAGTACCGACTGGATAAAGAGGGAAGCCAGAGCCCTTGGAC
      :::::
      -----AAGTGATCC-----AAACACAGAG---TGG--
      50      60      70

      220      230      240      250      260      270      280
inputs AGAAATAACCCACTGGAACCCAAGAACAAGGCCAGATTCTCCATCCCATCCATGACAGAGCACCATGCGG
      ::::: ::::: ::::: ::::: :::::
      -----CCCACT---CCC---CAAG-----CCTTCCC-TCCAGG-----
      80      90

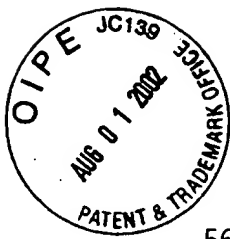
      290      300      310      320      330      340      350
inputs GGAGATACCGCTGCCACTATTACAGCTCTGCAGGCTGGTCAGAGCCCAGCGACCCCCTGGAGCTGGTGAT
      : :::::
      -----CTCAGCC-----CAGTTCCTG-GTACCCCTGGGTGAG-----
      100      110      120

      360      370      380      390      400      410      420
inputs GACAGGATTCTACAACAAACCCACCCTCTCAGCCCTGCCAGCCCTGTGGTGGCCTCAGGGGGGAATATG
      ::::: :::::
      -TCAG--TTATTC-----TGAGGTG-C--CAGGGA-----
      130      140      150

      430      440      450      460      470      480
inputs ACCCTCC-GATGTGGCTCACAGAAGGGATATCACCATTTTGTCTGATGAAGGAAGGAGAACACCAGCTC
      ::::: :::::
      --CCTCCAGATGTGG-----ATTTATATCGCCTGGAGAACTGAAA-----
      160      170      180      190

      490      500      510      520      530      540      550
inputs CCCCGGACCCTGGACTCACAGCAGCTCCACAGTGGGGGGTTCCAGGCCCTGTTCCCTGTGGGCCCCGTGA
      ::::: :::::
      --CCGGA---GA-----AGTATGAAGATCAAGAC---TTTCTCTT-----CATT-
      200      210      220
```

FIG. 8A



```
560      570      580      590      600      610      620
inputs  ACCCCAGCCACAGGTGGAGGTTACATGCTATTACTATTATATGAACACCCCCAGGTGTGGTCCCACCC
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
      ---CCAACCATGGAAAGAAGTA---ATGCT-----GGAC-----GGTAT-----
      230      240      250      260

630      640      650      660      670      680      690
inputs  CAGTGACCCCTGGAGATTCTGCCCTCAGGCGTGTCTAGGAAGCCCTCCCTCCTGACCCTGCAGGGCCCT
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
      CGATG---CTCTTA-----TCAGA-----ATGGGAGTC-----ACTGGTCTCT
      270      280      290

700      710      720      730      740      750      760
inputs  GTCCTGGCCCTGGGCAGAGCCTGACCCTCCAGTGTGGCTCTGATGTCGGCTACGACAGATTTGTTCTGT
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
      -----CCCAAG-----TGACCAGCTTGAG-----CTAATT---GCTAC-----
      300      310      320

770      780      790      800      810      820      830
inputs  ATAAGGAGGGGGAACGTGACTTCCTCCAGCGCCCTGGCCAGCAGCCCCAGGCTGGGCTCTCCAGGCCAA
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
      ---AGGTGTGTATGCTAAAC---CCTC-----ACTCTC-----
      330      340      350

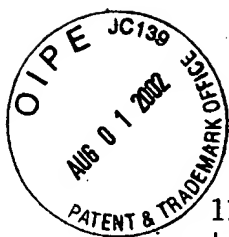
840      850      860      870      880      890      900
inputs  CTTACCCCTGGGCCCTGTGAGCCCTCCACGGGGGCCAGTACAGGTGCTATGGTGCACACAACCTCTCC
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
      -----AGCTCATCCA-----GCT-----
      360

910      920      930      940      950      960      970
inputs  TCCGAGTGGTCGGCCCCCAGCGACCCCTGAACATCCTGATGGCAGGACAGATCTATGACACCGTCTCCC
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
      -----CAGCAGTCCC-----TC---AAGGCAGG---GAT---GTGACTCTGA-----
      370      380      390      400

980      990      1000      1010      1020      1030      1040
inputs  TGTCAGCACAGCCGGGCCCCACAGTGGCCTCAGGAGAGAACGTGACCCTGCTGTGTGTCAGTCATGGTGGCA
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
      AGT-----GCCAGAGCCATA-----CAGTTTTGATGA--
      410      420

1050      1060      1070      1080      1090      1100      1110
inputs  GTTTGACACTTTCTTCTGACCAAAGAAGGGGCAGCCCATCCCCACTGCGTCTGAGATCAATGTACGGA
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
      -----ATTCGTTCTATACAAAGAAGGGG-----AT-----ACTGGGCCTTATA--AGAGACCTGA
      430      440      450      460      470
```

FIG.8B



```
1120      1130      1140      1150      1160      1170      1180
inputs  GCTCATAAGTACCAGGCTGAATTCCCCATGAGTCCTGTGACCTCAGCCCACGCGGGGACCTACAGGTGCT
:      :      :      :      :      :      :      :      :      :      :      :
G--AAATGGTACCGGGCCAATTTCCCCATCATCACAGTGACTGCTGCTCACAGTGGGACGTACCGGTGTT
480      490      500      510      520      530      540

1190      1200      1210      1220      1230      1240      1250
inputs  ACGGCTCATACAGCTCCAACCCCCACCTGCTGTCTTTCCCCAGTGAGCCCCTGGAACCTCATGGTCTCAGG
:      :      :      :      :      :      :      :      :      :      :      :
ACAGCTTCTCCAGCTCATCTCCATACCTGTGGTCAGCCCCGAGTGACCCTCTAGTGCTTGTGGTTACTGG
550      560      570      580      590      600      610

1260      1270      1280      1290      1300      1310      1320
inputs  ACACTCTGGAGGCTCCAGCCTCCCACCCACAGGGCCGCCCTCCACACCTGGTCTGGGAAGATACCTGGAG
:      :      :      :      :      :      :      :      :      :      :      :
ACTCTCTG-----CCA--CTCCCAGCC--AGGT--ACCCAC-----GGA-AGAATCATTTCTG---
620      630      640      650      660

1330      1340      1350      1360      1370      1380      1390
inputs  GTTTTGATTGGGTCTCGGTGGCCTTCGTCCTGCTGCTCTTCCTCCTCCTCTTCCTCCTCCGACGTC
:      :      :      :      :      :      :      :      :      :      :      :
----TGA-----CAGAATCCT---CCAGGAGACCTTCCA-----TCTTAC----CCACAAACAAA
670      680      690      700

1400      1410      1420      1430      1440      1450      1460
inputs  AGCGTCACAGCAAACACAGGACATCTGACCAGAGAAAGACTGATTTCCAGCGTCCTGCAGGGGCTGCGGA
:      :      :      :      :      :      :      :      :      :      :      :
A---TATCTACAA---CTGAA---AAGCCTATGAATATC--ACTGCCT-C-TCCAG-AGGGGCTG----
710      720      730      740      750

1470      1480      1490      1500      1510      1520      1530
inputs  GACAGAGCCCAAGGACAGGGGCCTGCTGAGGAGGTCCAGCCCAGCTGCTGACGTCCAGGAAGAAAACCTC
:      :      :      :      :      :      :      :      :      :      :      :
-----AGCCCT-----CC-----AATTGGTTTTGCTCATCAGCA-----C
760      770      780

1540      1550      1560      1570      1580      1590      1600
inputs  TATGCTGCCGTGAAGGACACACAGTCTGAGGACAGGGTGAGCTGGACAGTCAGAGCCACACGATGAAG
:      :      :      :      :      :      :      :      :      :      :      :
TATGC-----CAAGGGGAATCTGGTC-----CGGATATG
790      800      810

1610      1620      1630      1640      1650      1660      1670
inputs  ACCCCCAGGCAGTGACGTATGCCCCGGTGAACACTCCAGTCCTAGGAGAGAAATGGCCTCTCCTCCCTC
:      :      :      :      :      :      :      :      :      :      :      :
---CCTTGG-----TGCCACGAT-----TATAATAATTTTGT-----
820      830      840

1680      1690      1700      1710      1720      1730      1740
inputs  CTCACTGTCTGGGGGAATTCTGACACAAAGGACAGACAGGTGGAAGAGGACAGGCAGATGGACACTGAG
:      :      :      :      :      :      :      :      :      :      :      :
-----TGGGGCTT--CTAG---CAGAGGATTGGC-----ACAGTCGGAAGAA-----AT
850      860      870      880
```

FIG.8C



```
1750      1760      1770      1780      1790      1800      1810
inputs GCTGCTGCATCTGAAGCCTCCCAGGATGTGACCTACGCCAGCTGCACAGCTTGACCCTTAGACGGAAGG
      ::  :::::..      :::::..      ::::  ::      :::::
      GC--CTGCAACA-----CAGGATGAGA-----GCTTTGC-----AAAGG
              890              900              910

1820      1830      1840      1850      1860      1870      1880
inputs CAACTGAGCCTCCTCCATCCCAGGAAGGGGAACCTCCAGCTGAGCCCAGCATCTACGCCACTCTGGCCAT
      :  :::.      :::::      :::::      :::::..      :::::..
      CCACTA-----CCACC-----CCTCC-----CACTGGCC--
              920              930

1890
inputs CCAC
```

FIG. 8D

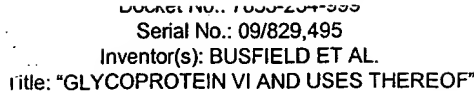


FIG. 9



\*->GesvtLtCsvsgfgppgsvtWyfkngk.lgpsllgysysrlesgek  
G+sv L+C+ ++v y + k ++ +++e +  
mT268 42 GQSVILRCQGP-----PDVDLY-RLEK1KP-----EKYEDQ-- 71  
  
anlsegrfsissltLtissvekeDsGtYtCvv<.\*  
L i + e+++G Y+C  
mT268 72 -----DFLFIPTMERSNAGRYRCSY 91

FIG.10A

\*->GesvtLtCsvsgfgppgsvtWyfkngk.lgpsllgysysrlesgek  
G +vtL C++ ++ y k+g++ + Y+r+e +  
mT268 128 GRDVTLCQSP---YSFDEFVLY-KEGDtGP-----YKRPEKW-Y 162  
  
anlsegrfsissltLtissvekeDsGtYtCvv<.\*  
+ ++i++v++ sGtY+C  
mT268 163 RA-----NFPIITVTAHSGTYRCYS 183

FIG.10B



```

      10      20      30      40      50      60
inputs MSPSPTALFCLGLCLGRV-PAQSGPLPKPSLQALPSSLVPLEKPVTLRCQGPPGVDLYRLEKLSSSRYPQD
      .....
      MSPASPTFFCIGLCVLQVIQTQSGPLPKPSLQAQPSLVPLGQSVILRCQGPPDQVDLYRLEKLKPEKYD
      10      20      30      40      50      60      70
70      80      90      100      110      120      130
inputs QAVLFIPAMKRSLAGRYRCSYQNGSLWSLPSDQLELVATGVFAKPSLSAQPGPAVSSGGDVTLCQCTRYG
      .....
      QDFLFIPTMERSNAGRYRCSYQNGSHWSLPSDQLELIATGVYAKPSLSAHPSSAVPQGRDVTLCQSPYS
      80      90      100      110      120      130      140
140      150      160      170      180      190      200
inputs FDQFALYKEGDPAPYKNPERWYRASFPITVTAAMSGTYRCYSFSSRDPLYWSAPSDPLELVVTGTSVTP
      .....
      FDEFVLYKEGDTGPYKRPEKWYRANFPIITVTAHSGTYRCYSFSSSPYLWSAPSDPLVLVVTGLSATP
      150      160      170      180      190      200      210
210      220      230      240      250      260      270 ↓
inputs SRLPTEPPSSVAEFSEATAELTVSFTNKVFTTETSRISITSPKESDSPAGPARQYYTKGNLVRICLGAVI
      .....
      SQVPTEESFPVTESSRRPSILP---TNKISTTEKPMNITASPEGLSPPIGFAHQHYAKGNLVRICLGATI
      220      230      240      250      260      270

      280      290      300      310      320      330
inputs LIILAGFLAEDWHSRRKRLRHRGRAVQRPLPPLPPLPQTRKSHGGQDGGGRQDVHSRGLCS
      .....
      IIIILLGLLAEDWHSRKKCLQHRMRALQRPLPPLP-LA-----
      280      290      300      310
```

FIG.11

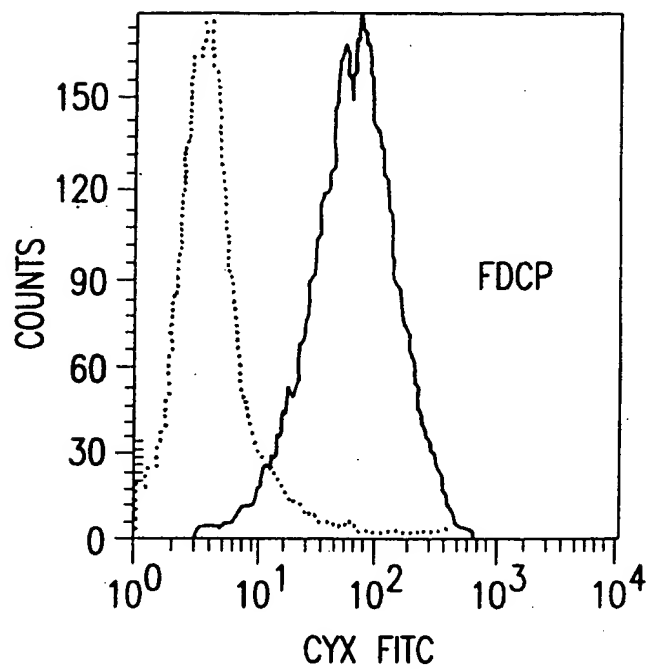


FIG.15A

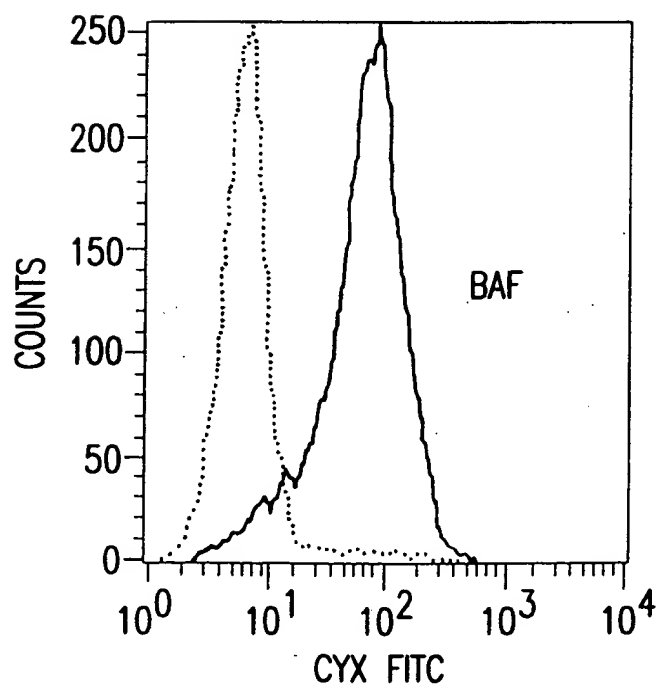
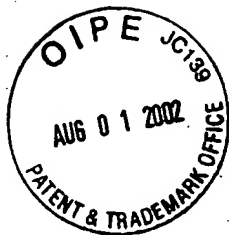


FIG.15B



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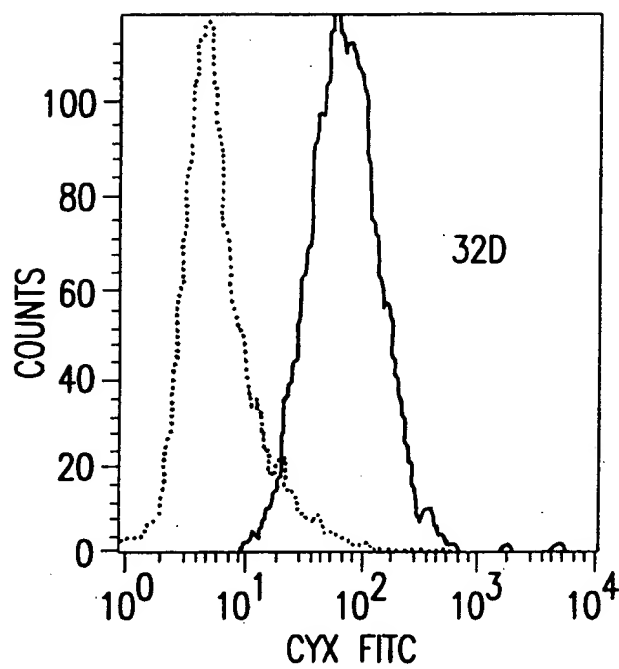


FIG.15C

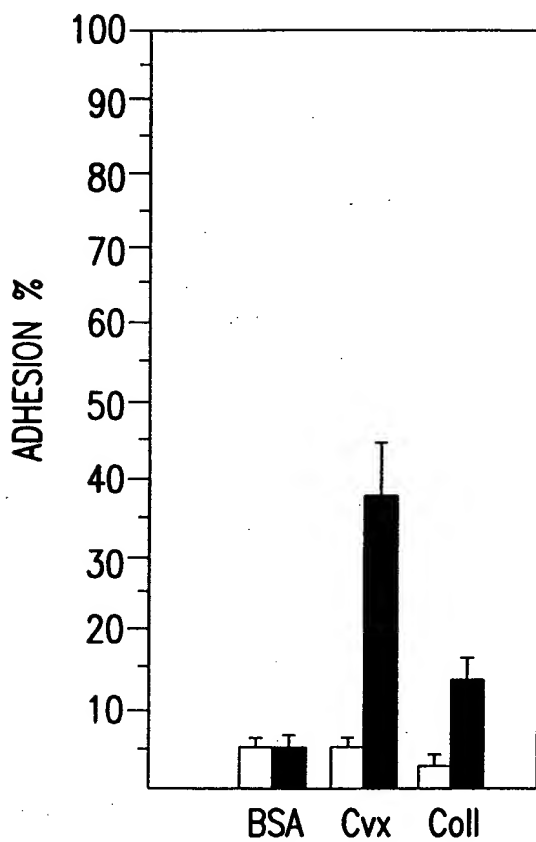


FIG. 16A

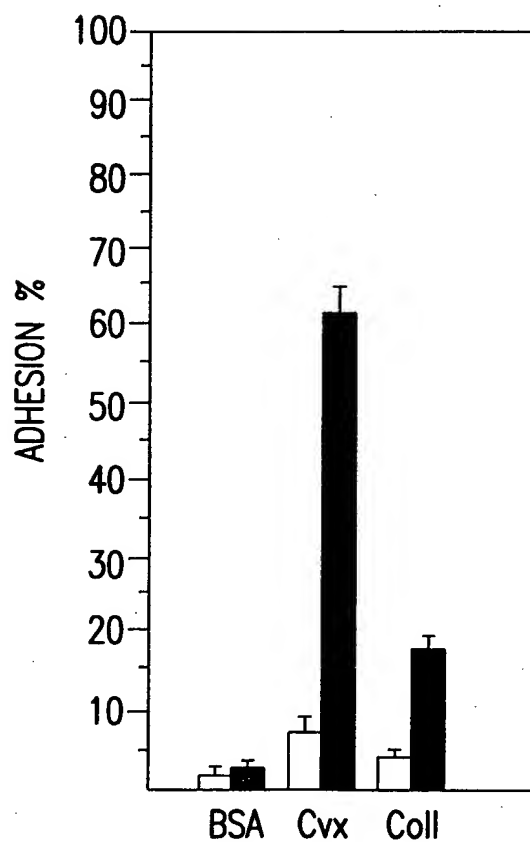


FIG. 16B

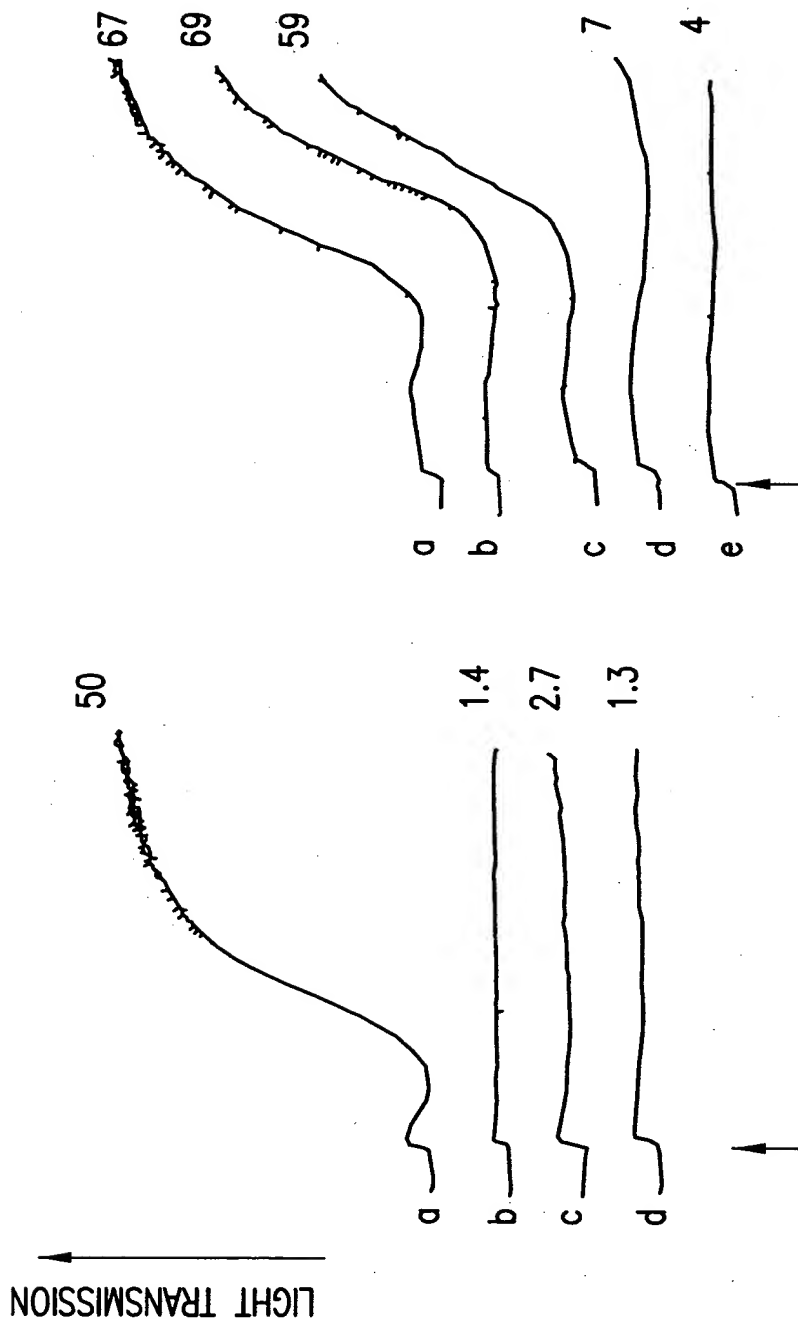


FIG. 18A

FIG. 18B

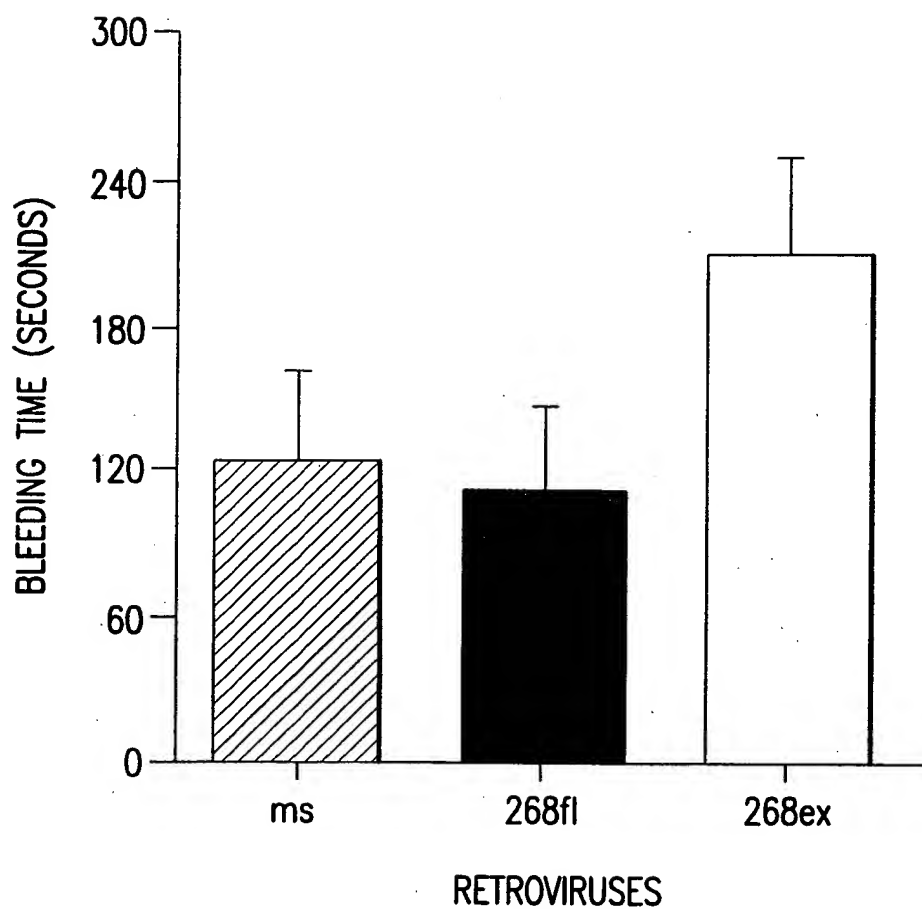


FIG.19

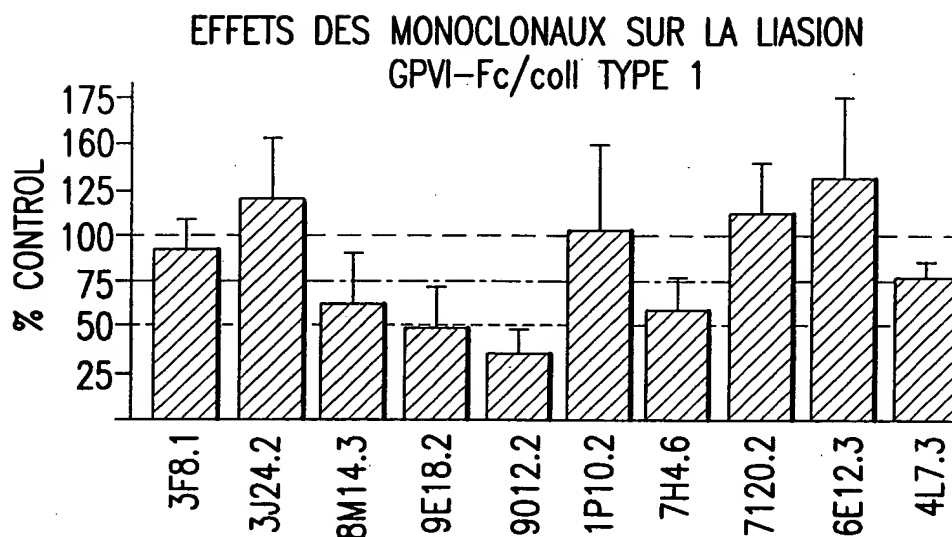


FIG.20



# EFFET DES MONOCLONAUX SUR LA LIAISON GPVI-Fc/CONVULXINE

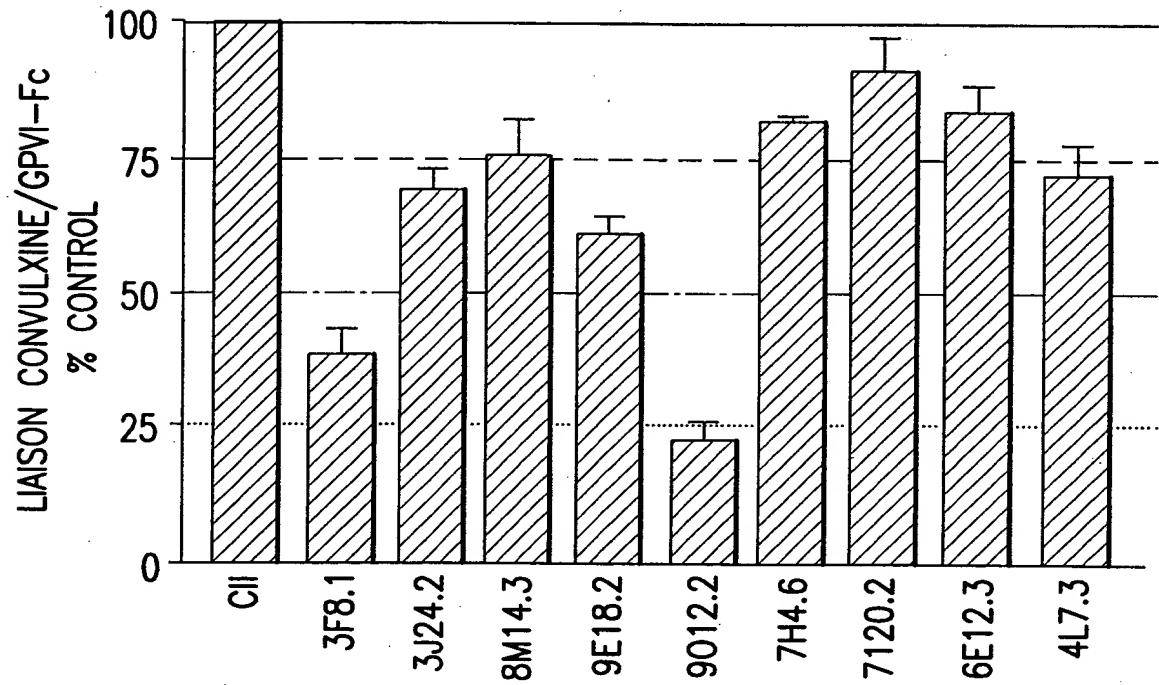


FIG.21

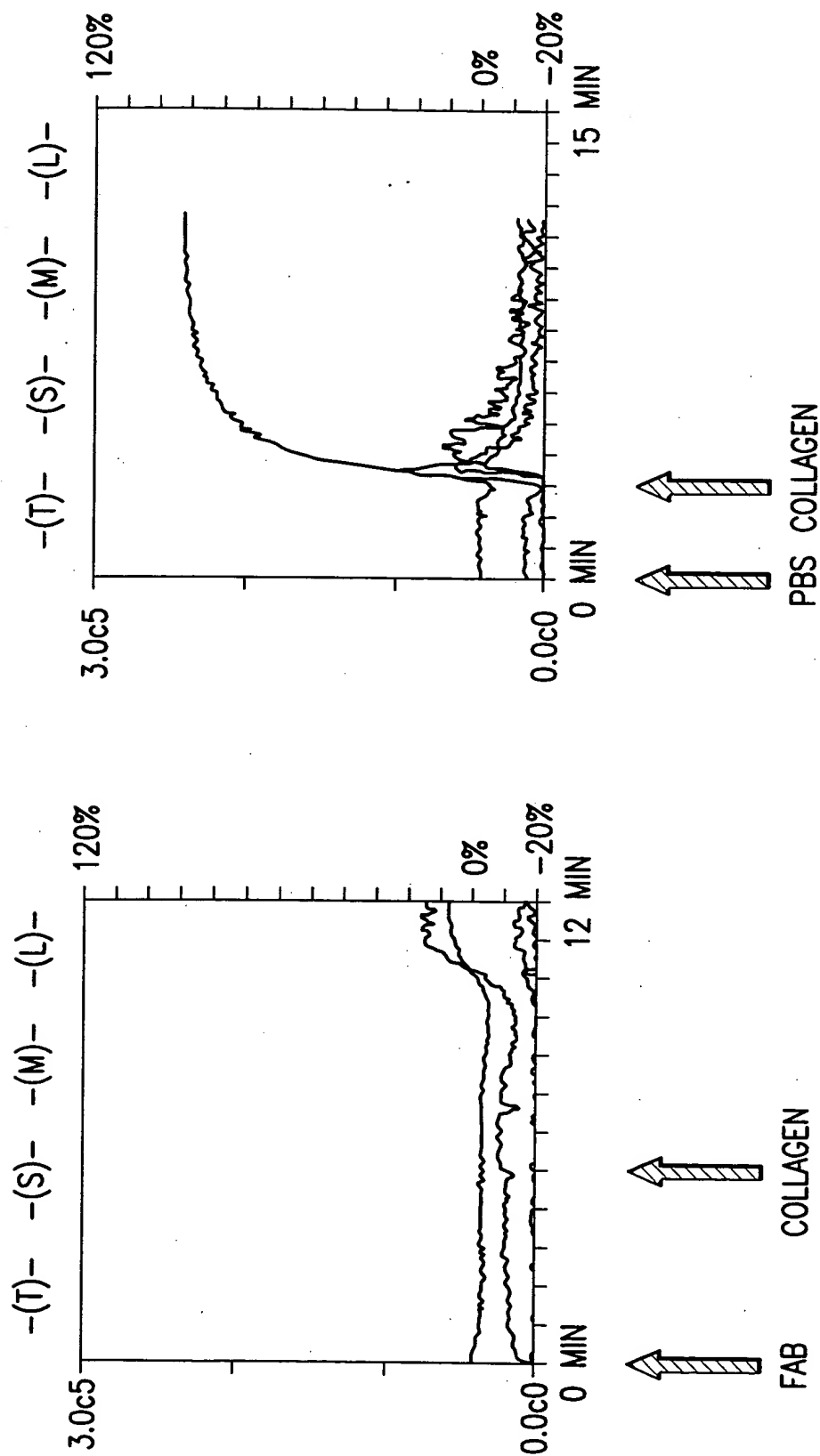


FIG.22

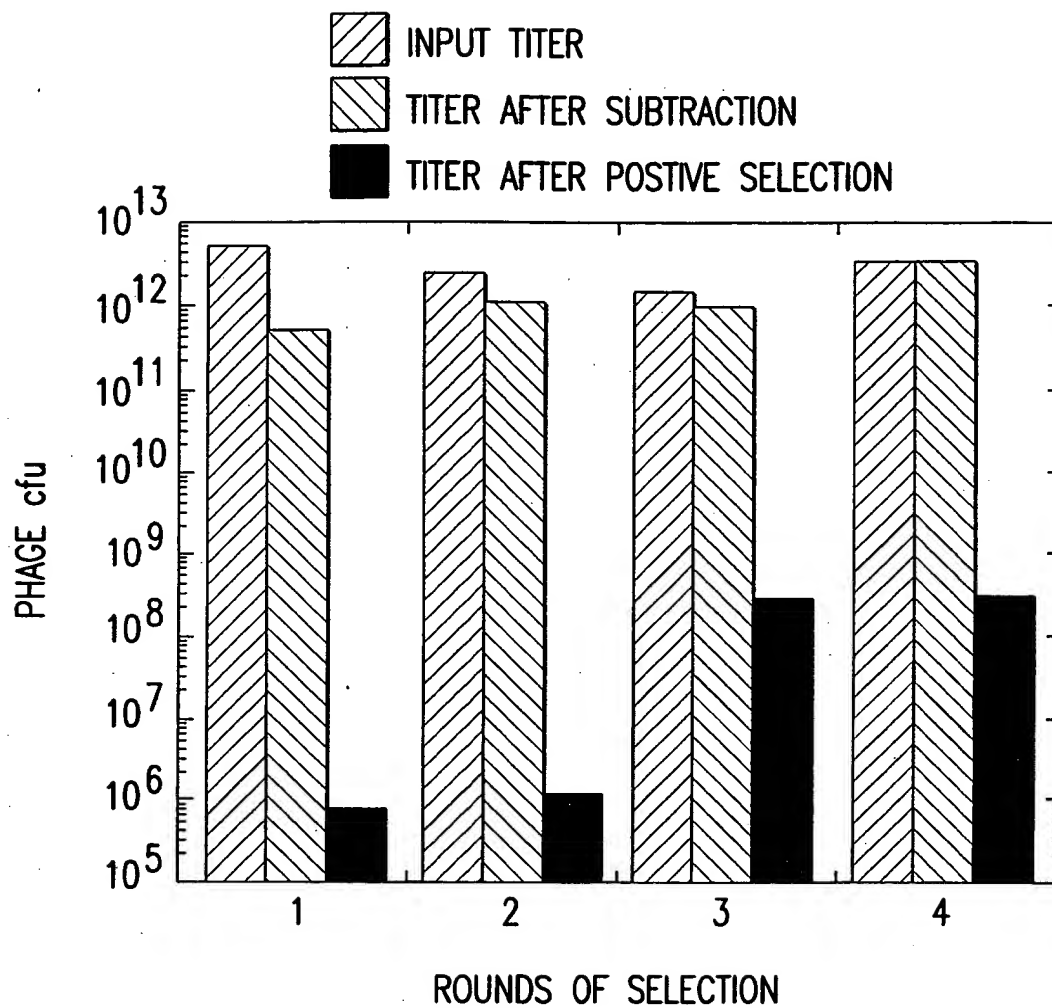


FIG.23

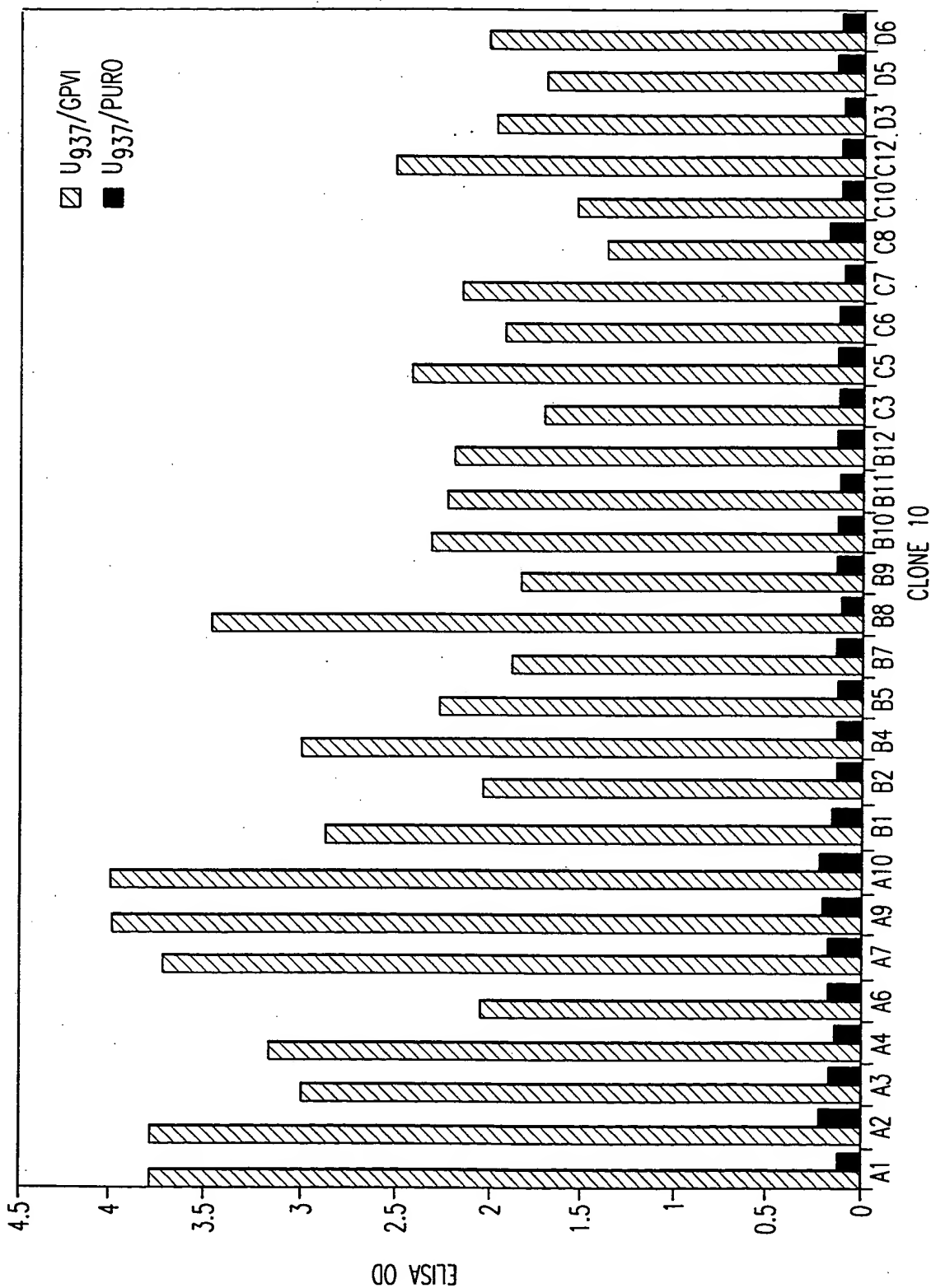


FIG. 24A

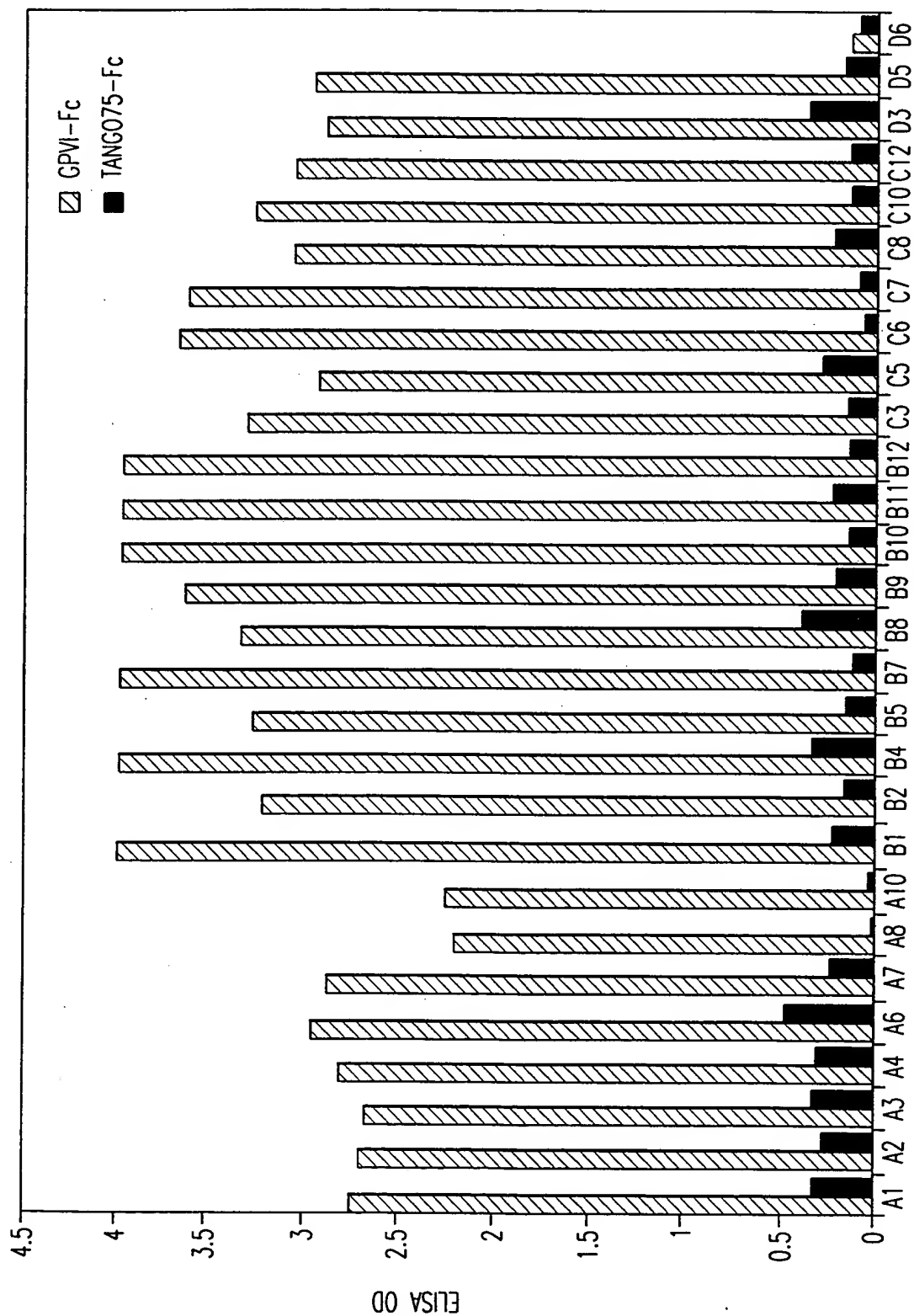


FIG.24B

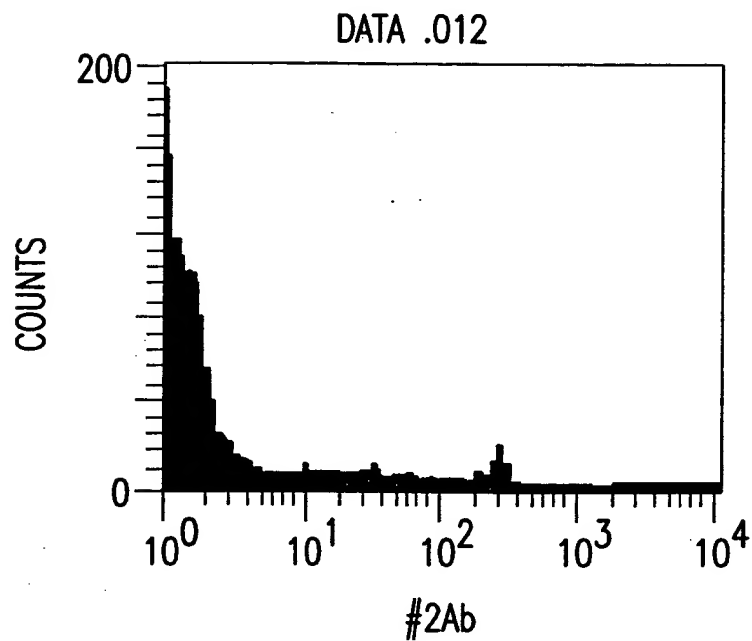


FIG.26A

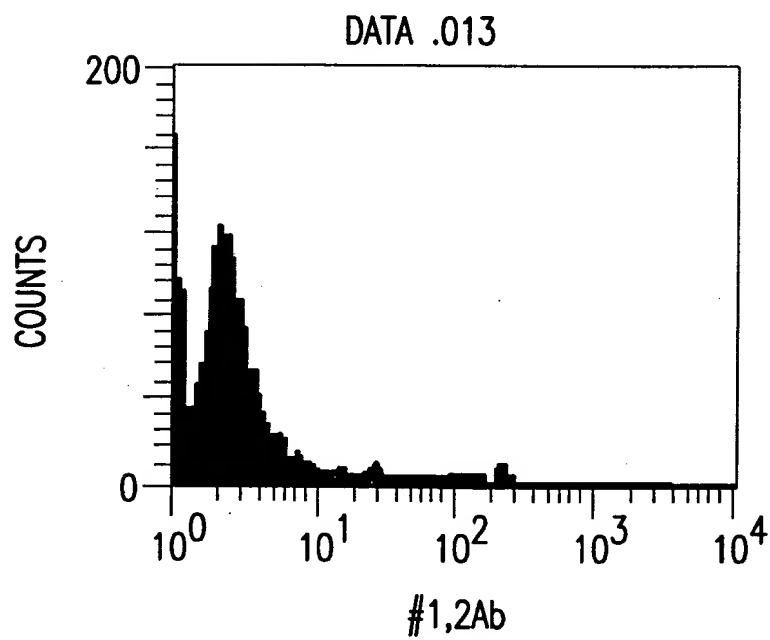


FIG.26B

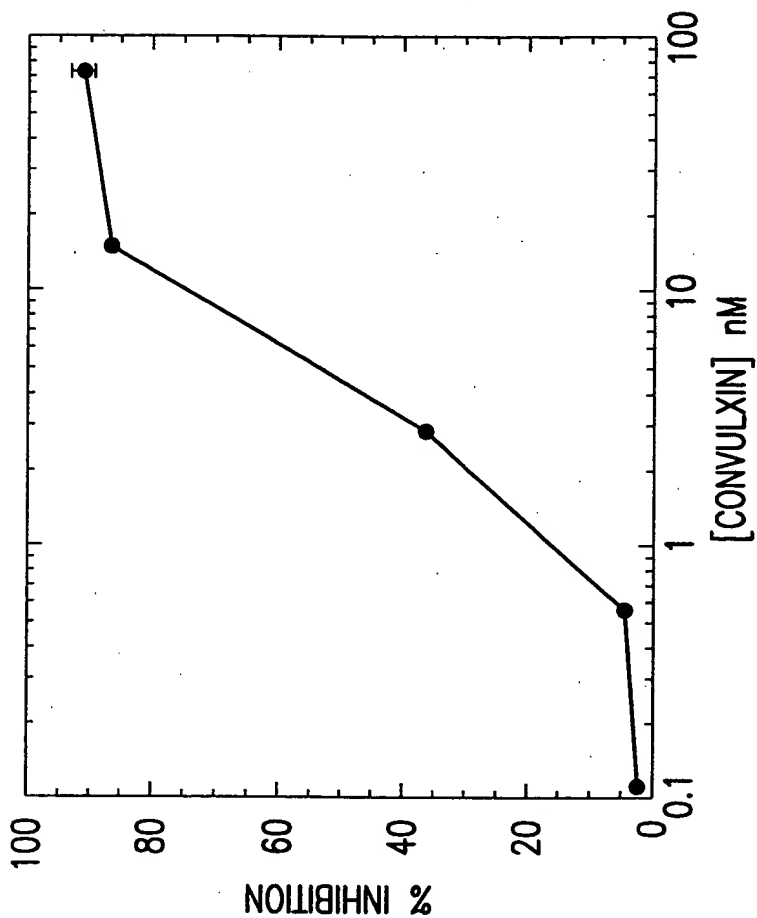


FIG. 29B

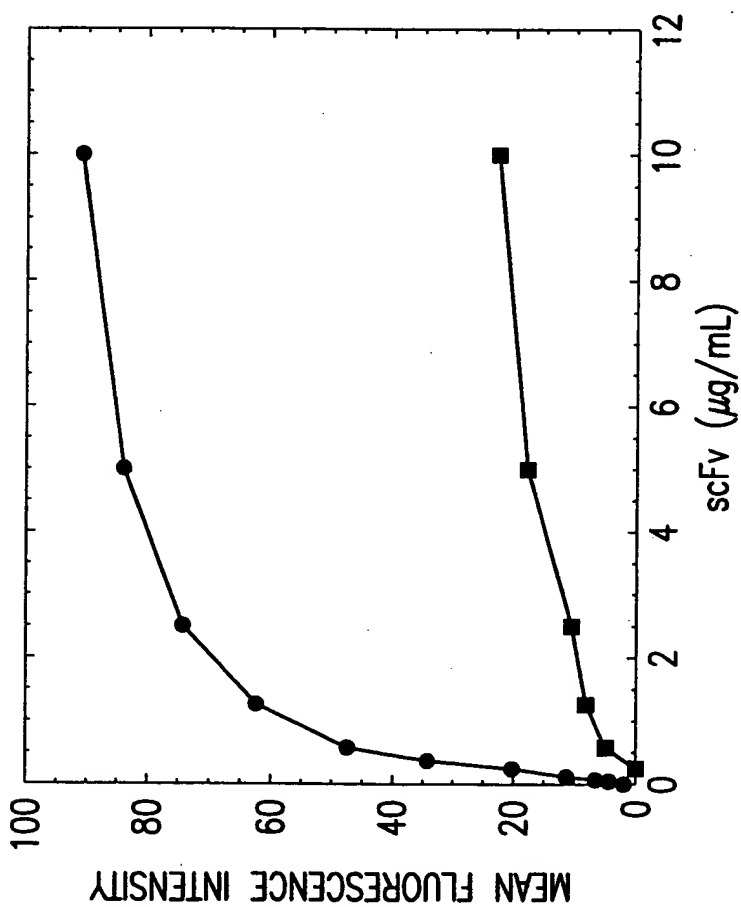


FIG. 29A

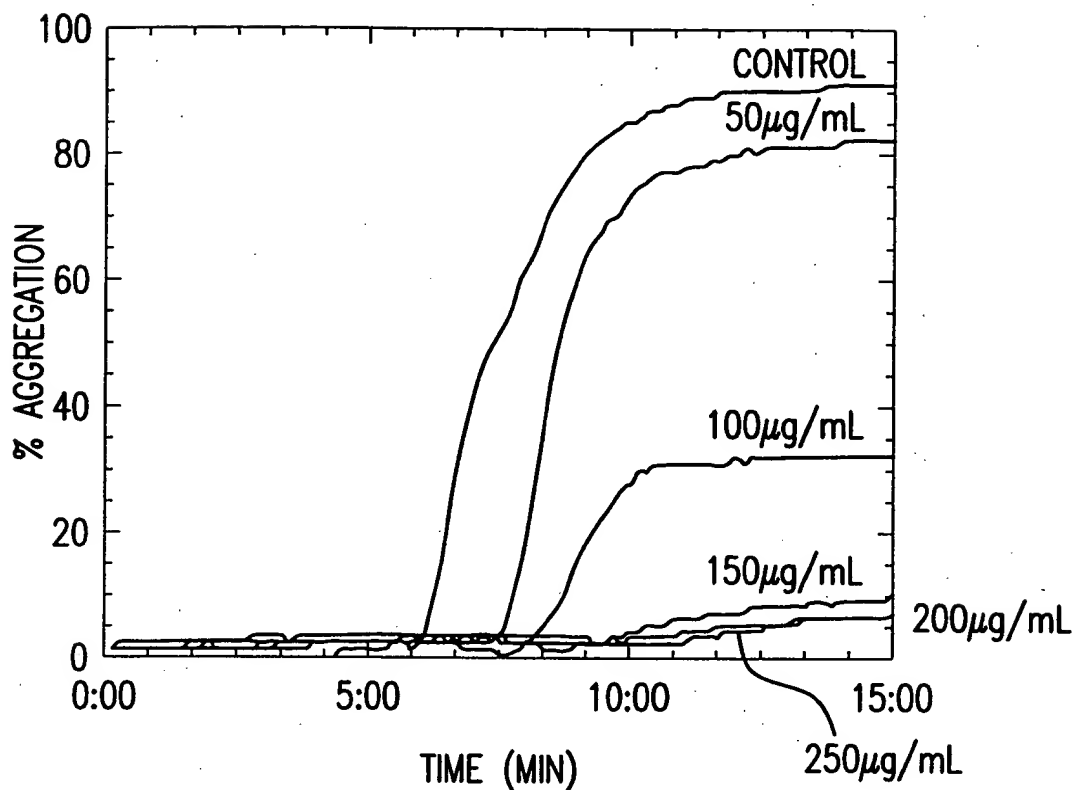


FIG.30A

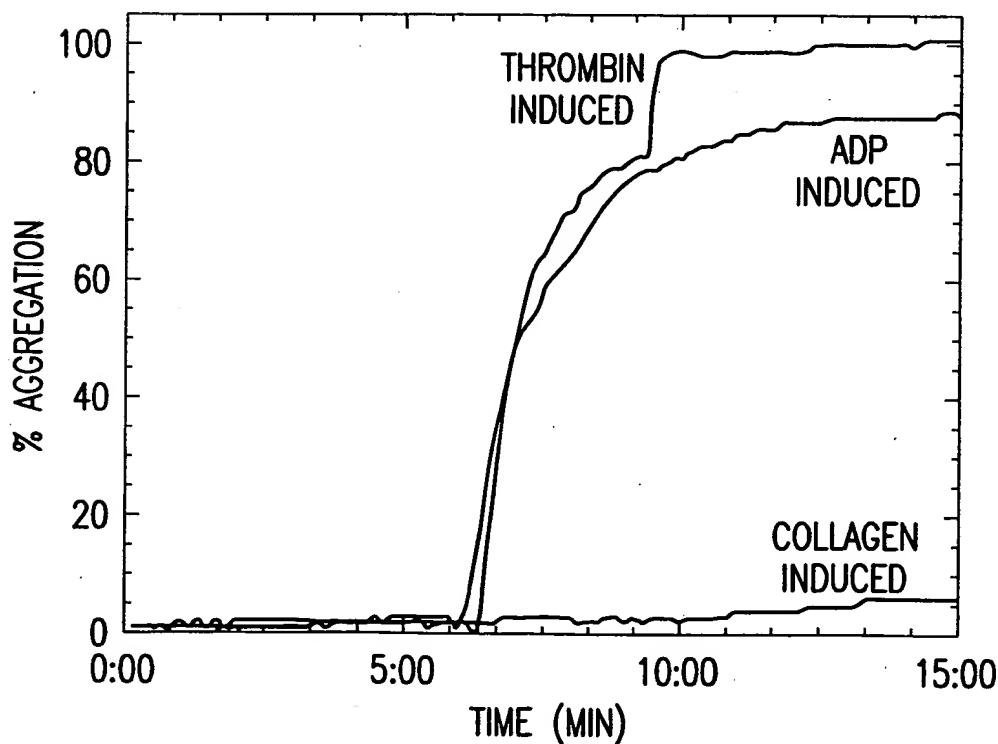


FIG.30B

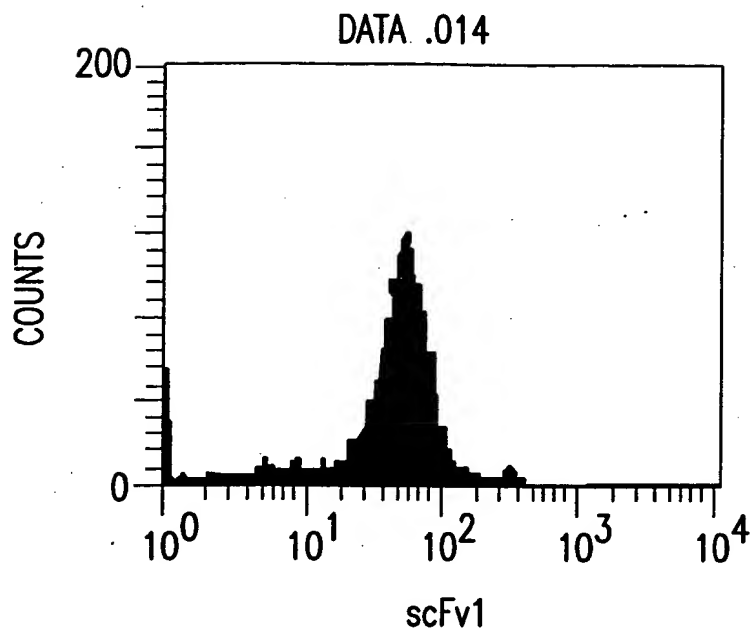


FIG.26C

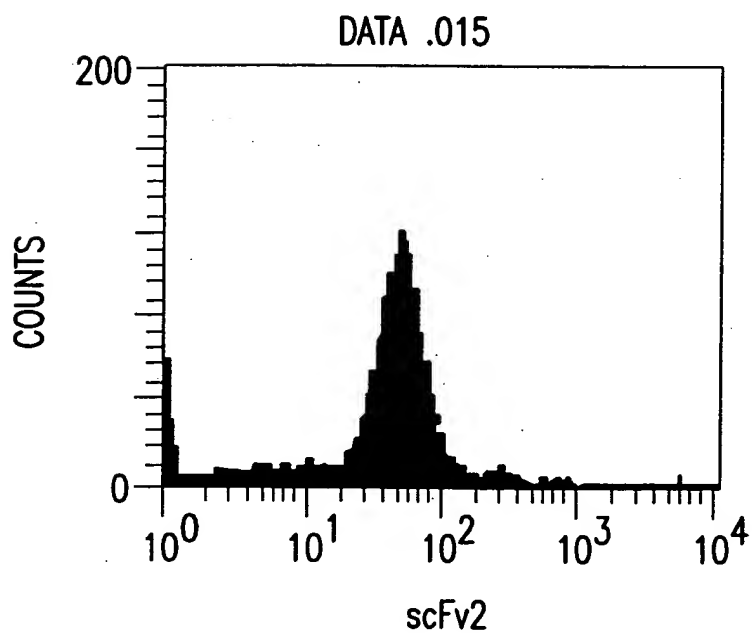
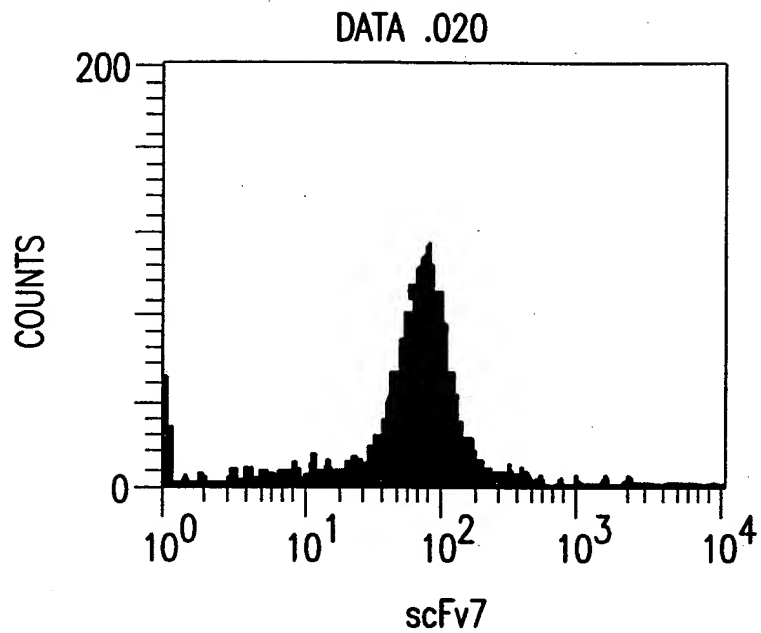


FIG.26D



scFv1:A4  
scFv2:B4  
scFv3:A9  
scFv4:C4  
scFv5:C9  
scFv6:C10  
scFv7:A10

FIG.26I

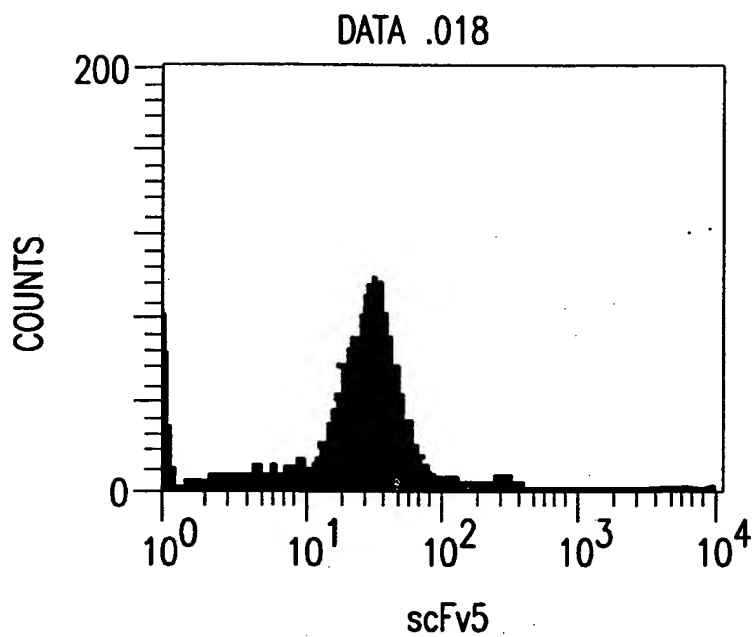


FIG.26G

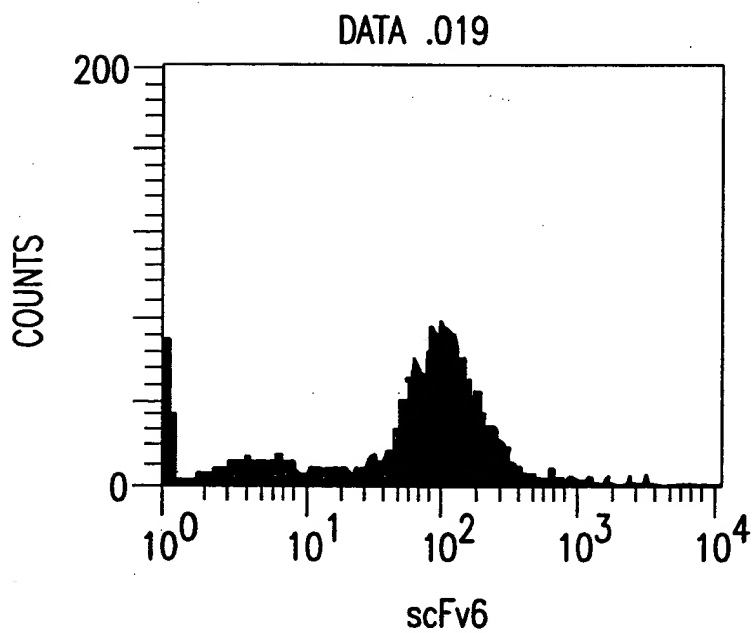


FIG.26H

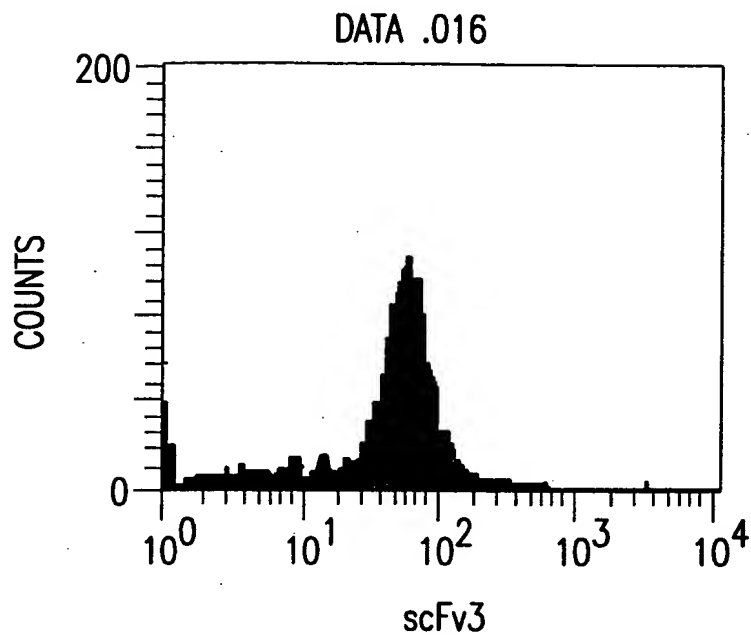


FIG.26E

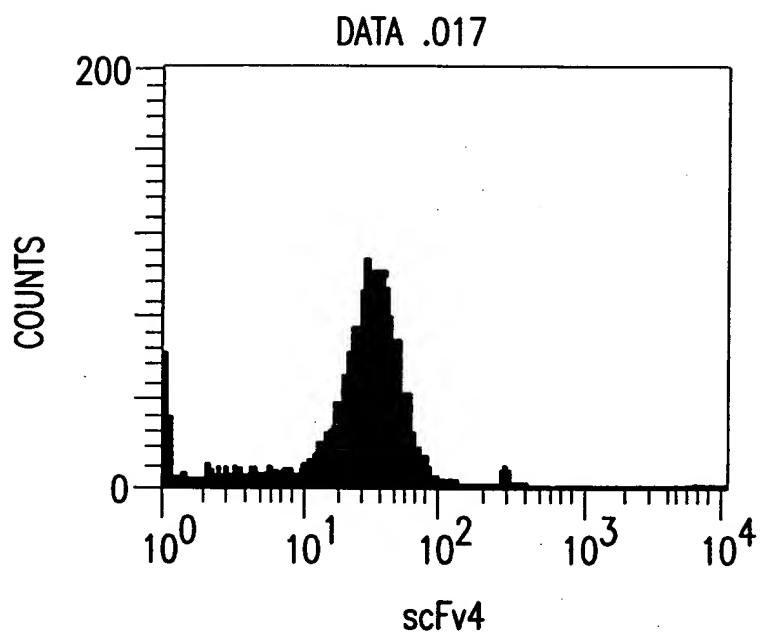


FIG.26F

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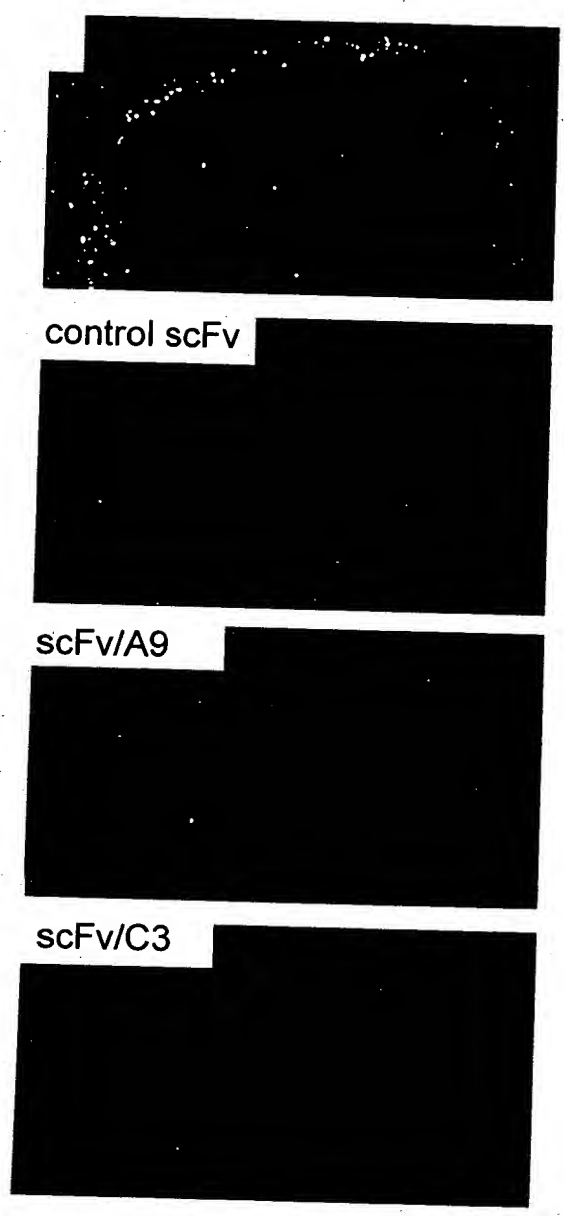


FIG.28A

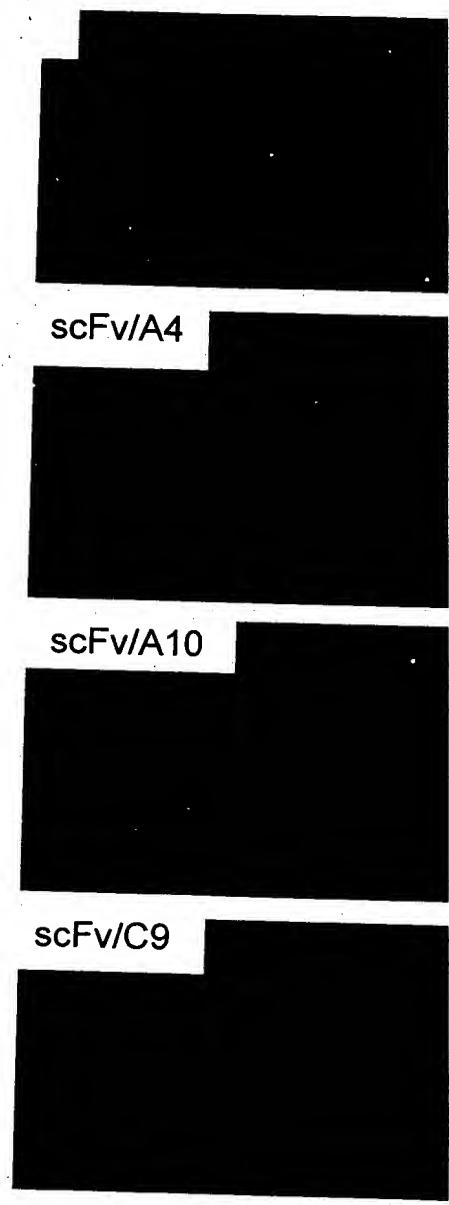


FIG.28B

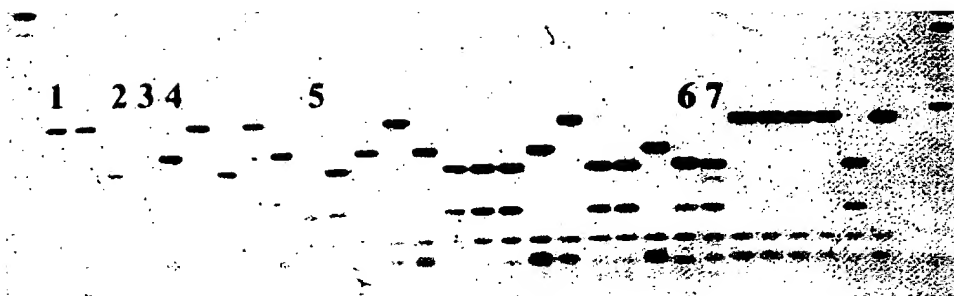


FIG.25

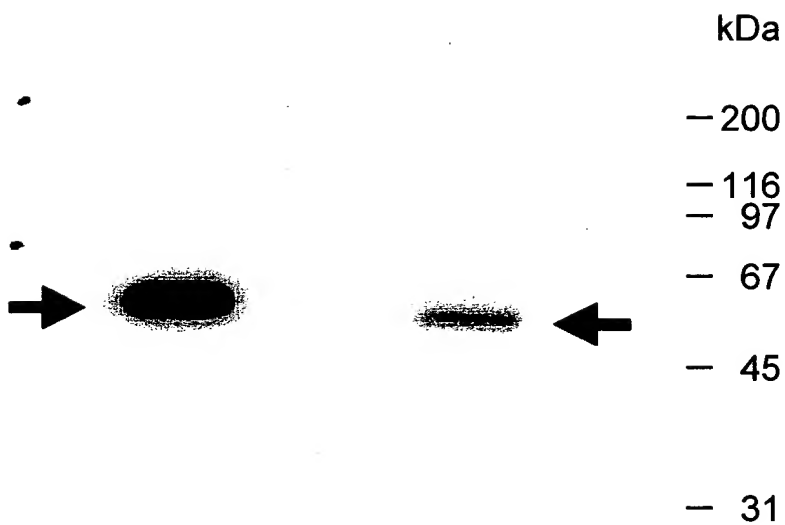


FIG.12

3 U.S. PTO  
a/n1/n2

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Title: "GLYCOPROTEIN VI AND USES THEREOF"

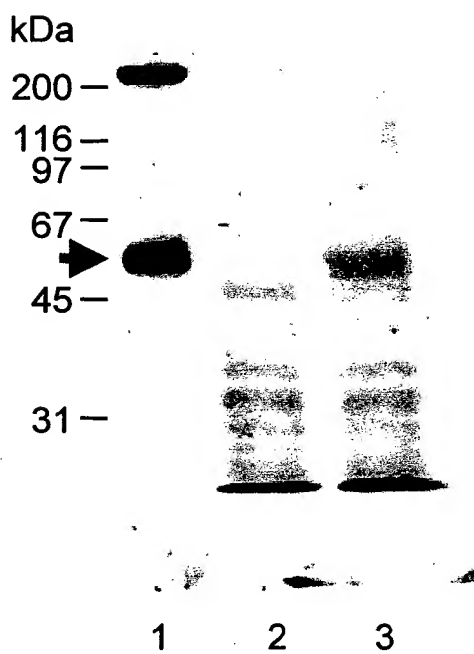


FIG.13A

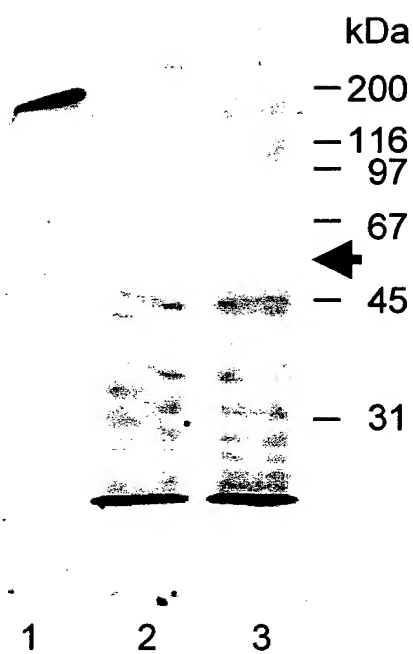


FIG.13B



FIG.14A

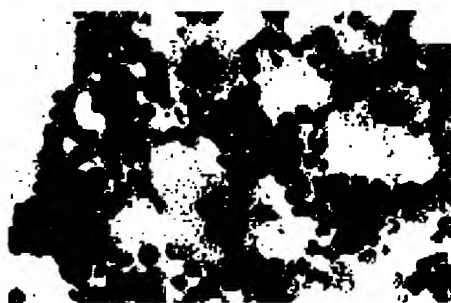


FIG.14B

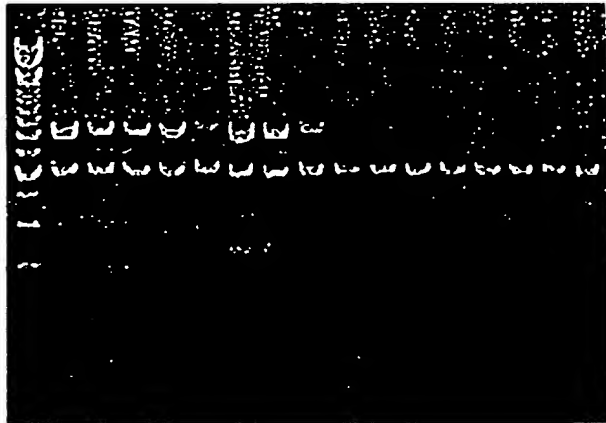


FIG.14C

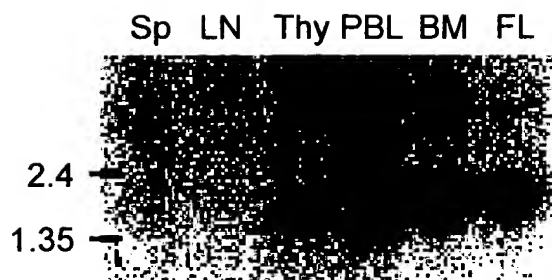
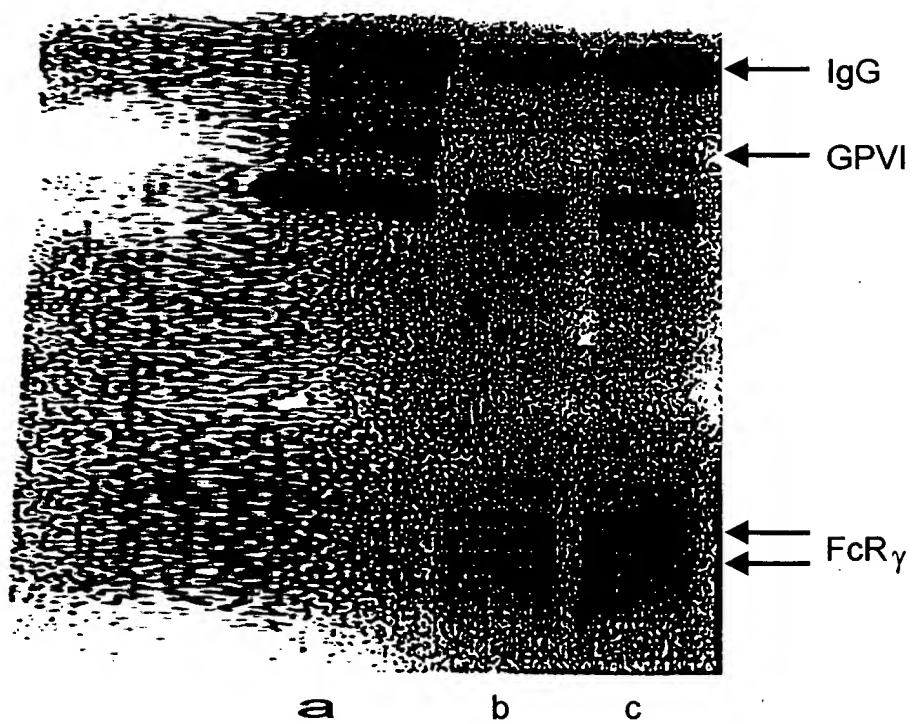


FIG.14D



**FIG.17**

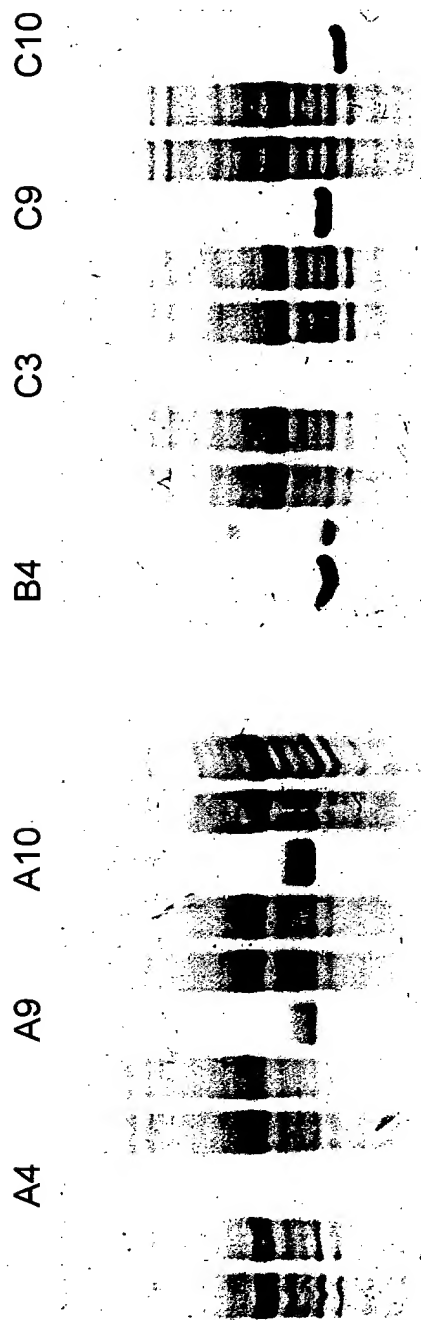


FIG. 27